

What is claimed is:

1. An air purification system comprising:  
an air-conditioning unit taking in air;  
5 an antibody material comprising a livestock food product, said livestock food product containing antibodies, said antibodies being produced by administering antigens to a livestock animal; and  
an adsorption member having said antibody material,  
wherein said adsorption member allows said antibody material to come  
10 in contact with the air taken-in by said air conditioning unit in order to adsorb and remove said antigens contained in the air.

2. The air purification system according to claim 1, wherein said antigens are bacteria, mold, virus and environmental allergen.

3. The air purification system according to claim 2, wherein said adsorption member comprises a filter made from a non-woven cloth, said non-woven cloth containing said antibody material.

4. The air purification system according to claim 2, wherein said adsorption member comprises:

a casing allowing the air taken-in by said air-conditioning unit to pass through an inside thereof: and

a plurality of screening plates having said antibody material, said plurality of screening plates being provided inside said casing laterally and alternately so as to come  
25 in contact with the air passing through inside said casing.

5. The air purification system according to claim 2, wherein said adsorption member comprises a tank filled with a solution including said antibody material mixed  
30 therein.

6. The air purification system according to claim 2, wherein said adsorption member comprises:

a solution containing said antibody material; and

a spraying means for spraying said solution to a desired space in order to adsorb and remove said antigens contained in the air taken-in by said air-conditioning unit at the desired space.

7. The air purification system according to claim 2, wherein:

said livestock animal is laying hen; and

said livestock food product is hen egg.

8. The air purification system according to claim 7, wherein said livestock food product is one of the followings or a combination of two or more of the followings: liquid whole egg, liquid white egg, liquid egg yolk, dried whole egg, albumen powder, dried yolk, defatted dried whole egg or defatted dried yolk.

9. The air purification system according to claim 2, wherein:

said livestock animal is cattle; and

said livestock food product is dairy.

10. The air purification system according to claim 9, wherein said livestock food product is one of the followings or a combination of two or more of the followings: defatted milk, whole milk powder or defatted dry milk.

11. An air purification filter for purifying air comprising:

an antibody material comprising a livestock food product, said livestock food product containing antibodies, said antibodies being produced by administering antigens to a livestock animal, wherein:

said air purification filter purifies air by allowing air to flow therein so

that said antibody material comes in contact with the air in order to adsorb and remove said antigens contained in the air; and

said adsorbed and removed antigens are bacteria, mold, virus or environmental allergen.

12. The air purification filter using the antibody material according to claim  
5 11, wherein:  
said livestock animal is laying hen; and  
said livestock food product is hen egg.

13. The air purification filter using the antibody material according to claim  
10 12, wherein said livestock food product is one of the followings or a combination of two  
or more of the followings: liquid whole egg, liquid white egg, liquid egg yolk, dried  
whole egg, albumen powder, dried yolk, defatted dried whole egg or defatted dried yolk.

14. The air purification filter using the antibody material according to claim  
15 11, wherein:  
said livestock animal is cattle; and  
said livestock food product is dairy.

15. The air purification filter using the antibody material according to claim  
20 14, wherein said livestock food product is one of the followings or a combination of two  
or more of the followings: defatted milk, whole milk powder or defatted dry milk.

16. An air purification filter allowing air to flow therein comprising:  
an antibody material comprising a livestock food product, said livestock food  
25 product containing antibodies, said antibodies being produced by administering various  
kinds of antigens to a livestock animal; and  
a non-woven cloth containing said antibody material by being soaked into a  
solution of said antibody material, wherein:  
said air purification filter purifies air by allowing said antibody material  
30 to come in contact with the air in order to adsorb and remove said various kinds  
of antigens contained in the air; and

said adsorbed and removed various kinds of antigens are bacteria, mold, virus or environmental allergen.